Flight
Intermediate
Jet
RI-10
RC / HOOD

Mission

Radio Instruments

ORM

RI-10

- **Operational Requirements / Limitations**
  - **Crew Rest / Crew Day / Work Week**
  - **R&I**
  - **IP Currency (SOP)**
  - **Warm Up Eligibility**
  - **Previous Flight Incomplete? Determine Graded Items.**
  - **On-Wing Required?**
- **Human Factors**
  - **Life Stressors / External Factors / Personal Problems**
  - **Medical Status (Crew Day/Rest / Nourishment / Hydration)**
- **Hazards and Controls**
  - **Routine**
  - **Weather**
    - **Current Observations and Forecasts**
    - **Crosswinds**
    - **Fuel Considerations**

TTO

- **Who will call a TTO?**
- **What situations will the TTO be called?**
  - **Safety**
  - **Confusion / Misunderstanding**
- **IP Responsibilities**
  - **Recognize need for TTO**
  - **Explanation / Instruction as necessary**
  - **Documentation on ATF**
- **When and how will training resume?**

RI-10

Admin (card)

- **A/C - ATC C/S - Crew**
- **Brief / Walk / Takeoff / Land Times**
- **ATC Clearance / DD-175 / IFF**
- **Jet Log / Fuel Plan**
- **Line / T/O / Abort / RPM**
- **Comm Plan**
- **Nav Plan**
- **Joker / RTB**

ADMIN

RI-10

- **Launch**
  - **Weather / NOTAMS / TFR / BASH**
  - **Preflight / Start / Taxi**
    - **IFR Hood installation**
  - **ITO**
  - **Swapping of Controls**
  - **Enroute Procedures**
  - **RadAlt Usage**
- **RTB**
  - **Recovery**
  - **Diverts**

ADMIN

RI-10

- **QOD**
  - NATOPS
  - EP
  - SOP

Practice

RI-10

- **Complete DD-175 / Single-engine jet log**
- **Checklists**
- **Instrument communications**
- **ATC clearance**
  - **IFR Clearances**
- **ITO**
- **SID**
- **Radial Intercept**
- **Ground Speed Checks**

Practice (cont)

RI-10

- **Point - to - Point**
- **Wind drift correction (if required)**
  - **Wind drift correction diagram**
  - **Wind drift correction procedures**
- **TACAN / VOR DME holding**
  - **Holding Entry**
  - **Holding**
- **Simulated emergency (airborne)**

Practice (cont)

RI-10

- **TACAN / VOR DME approach partial panel**
  - **Hi TCN KMEI**
  - **VOR A KMEI**
- **Missed approach**
- **ASR approach partial panel**
- **Min Fuel/Emergency Fuel Instrument Approach**
  - **Minimum fuel / emergency fuel**
  - **Simulated MIN fuel GCA / ILS**
  - **Simulated emergency fuel GCA**
- **ILS approach**
  - **ILS RWY 1 KMEI**
  - **ILS NAV set-up**
  - **ADI Display**

Emergencies

RI-10

- **Ground Emergencies**
- **Abort**
- **Rwy Dep / Gnd Ejection**
- **Radio/ICS failure**
- **Loss of Navaids**
- **Lost Plane**
- **System Failures**
- **Disorientation**
- **Bird strike/ Midair**
- **SAR procedures**
- **Ejection**
- **Aircrew Coordination**

Overview

RI-10

- **Recap Mission (Overall flow)**
- **Questions???**

STANDARD DEBRIEFING FORMAT

RI-10

- The Flight Lead or Pilot-in-Command is responsible for ensuring all flight or crewmembers are thoroughly debriefed on the conduct of the mission utilizing the “S-P-B-E-MS-LL” format outlined below. (Refer to the CTW-1/CTW-2 Expanding Debriefing Guide for specific objectives).

I. Safety
II. Planning
III. Brief
IV. Execution
V. Mission Success
VI. Lessons Learned